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DATE MAILED: 10/20/2004

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/579,345	05/25/2000	Terry L. Gilton	6047-55230	7950	
7590 10/20/2004			EXAMINER		
Klarquist Sparkman Campbell			FOURSON III, GEORGE R		
Leigh & Whinst	ton LLP				
One World Trade Center 1600			ART UNIT	PAPER NUMBER	
121 SW Salmon Street			2823		
Portland, OR 97204					

Please find below and/or attached an Office communication concerning this application or proceeding.

		Applica	tion No.	Applicant(s)			
Office Action Summary		09/579,		GILTON ET AL.			
		Examine		Art Unit			
			Fourson	2823			
The MA	ILING DATE of this commun	-			ldress		
Period for Reply		••		•			
THE MAILING - Extensions of time after SIX (6) MON - If the period for re - Failure to reply wi Any reply received	D STATUTORY PERIOD F DATE OF THIS COMMUN e may be available under the provisions ITHS from the mailing date of this com ply specified above is less than thirty (3 ply is specified above, the maximum st thin the set or extended period for reply by the Office later than three months a n adjustment. See 37 CFR 1.704(b).	ICATION. of 37 CFR 1.136(a). In no enunication. i(0) days, a reply within the statutory period will apply and will, by statute, cause the ap	event, however, may a reply be time atutory minimum of thirty (30) days will expire SIX (6) MONTHS from plication to become ABANDONE	nely filed s will be considered timel the mailing date of this c D (35 U.S.C. § 133).			
Status							
1)⊠ Respons	sive to communication(s) file	ed on <u>16 July 2004</u> .					
2a)☐ This acti	on is FINAL.	2b)⊠ This action is	non-final.				
3)☐ Since th	3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
closed in	accordance with the practi	ce under Ex parte C	uayle, 1935 C.D. 11, 45	53 O.G. 213.			
Disposition of Cla	aims						
4)⊠ Claim(s)	4)⊠ Claim(s) <u>6-9,11-16,18,19,26-29 and 32-37</u> is/are pending in the application.						
4a) Of th	e above claim(s) is/a	re withdrawn from c	onsideration.				
·	is/are allowed.						
	6-9,11-16,18,19,26-29 and	32-37 is/are rejecte	d.				
· <u> </u>	is/are objected to.						
8) Claim(s)	are subject to restric	ction and/or election	requirement.				
Application Pape	rs						
9)☐ The spec	ification is objected to by th	e Examiner.					
10)□ The draw	10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
Applicant	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
11) I he oath	or declaration is objected to	b by the Examiner. N	lote the attached Office	Action or form P	ΓO-152.		
Priority under 35	U.S.C. § 119						
a)□ All b	edgment is made of a claim Some * c) None of: ertified copies of the priority			o-(d) or (f).			
	ertified copies of the priority			on No			
	ppies of the certified copies				Stage		
 -	plication from the Internation	• •					
* See the at	tached detailed Office action	n for a list of the cer	tified copies not receive	ed.			
Attachment(s)	0'12 L(DTQ 200')						
	nces Cited (PTO-892) erson's Patent Drawing Review (F	PTO-948)	4) Interview Summary Paper No(s)/Mail Da	(PTO-413) ate			
	osure Statement(s) (PTO-1449 or		5) Notice of Informal P 6) Other:		O-152)		
			, —				

Application/Control Number: 09/579,345

Art Unit: 2823

Applicant's arguments, see the Appeal Brief, filed 7/16/04, with respect to the rejection(s)of claim(s) 26,27,32,34 and 37 under 35 USC 102 have been fully considered and are persuasive.

Specifically, that the reference relies on modification of the teachings of the reference through routine optimization. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made below.

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 6-9,11-16,18,19,26-29 and 32-37 are rejected under 35 U.S.C. 103(a) as being \\25\ unpatentable over Bergman et al in view of Hu et al and Nelson et al.

The reference is applied as stated in the paper mailed 12/16/03 in the rejections under 35 USC 102 and 35 USC 103 and as follows.

Bergman discloses that at temperatures near ambient ozone saturation occurs at about 20 ppm and decreases to almost zero at 60°C (col.2, lines 19-26).

Nelson et al discloses that ozone concentration is affected by processing parameters such as temperature (col.2, line 3). The reference further discloses temperature as a result effective variable useful to optimize to achieve a desired effectiveness (col.2, lines 5-27). The reference further discloses that an ozone concentration of >5 ppm is desirable with 20 ppm being more preferable (col.7, lines 1-5).

Hu et al discloses room temperature stripping of photoresist using water containing ozone (col.1, lines 35-62).

In view of the teachings of Nelson et al and Hu et al related to the effect of temperature on photoresist stripping using ozone/water and the expectation of success resulting from the disclosure of Bergman that 20 ppm of ozone is water is possible at room temperature, which concentration is disclosed as preferable by Nelson in photoresist stripping, and Hu et al that room temperature photoresist stripping is possible with ozone/water solutions it would have been within the scope of one of ordinary skill in the art to combine the teachings of Bergman et al with Hu et al and Nelson et al to enable one of ordinary skill in the art to be led to the recited temperature range including wafer cooling if desired to achieve a desired effectiveness of the photoresist stripping process.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George Fourson whose telephone number is (703) 308-2544. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Olik Chaudhuri, can be reached on 703-571-1855. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

George Fourson Primary Examiner Art Unit 2823

GFourson October 17, 2004